

PLAY IT AGAIN, UNCLE SAM.

... BUT JUST REMEMBER THIS

REEK! REEK!

THERE ARE A FEW THINGS EVERY SENTINEL REPAIRMEN SHOULD REMEMBER TO MAKE HIS JOB EASIER AND KEEP THE SENTINEL RADIATING.

FOR INSTANCE...

Wear ESD (electrostatic discharge) protection when handling circuit cards. Some of the Sentinel circuit cards cost thousands and thousands of dollars. Just one tiny spark of ESD can ruin one of those cards and your future in your unit.

Before you handle any circuit card, put on an ESD wrist strap and plug it in. Make sure the Sentinel is properly grounded or the ESD strap won't do you much good. Never put circuit cards down on metal. Lay cards down on an ESD mat or place them in an antistatic pouch.

NSN 4940-01-253-5368 brings an ESD kit with two wrist straps, a grounding cord, mat, three antistatic pouches, and three barrier bags. **For more info on ESD, see page 40.**

Wear ESD strap when handling circuit cards

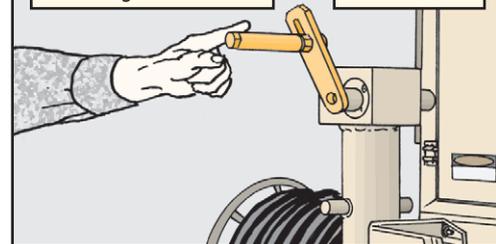


Keep the eccentric plate. If you turn in the azimuth drive motor for repair or replacement, don't turn in the eccentric plate, which is the mounting bracket for the motor. The plate has a serial number and is meant to stay with the Sentinel it came with.

Check the leveling leg handle during weekly PMCS. Crewmembers have a bad habit of using the handle as a step. If the handle gets out of alignment, it starts hitting the retaining arm and that damages the crank handle. Soon you can't adjust the leveling leg.

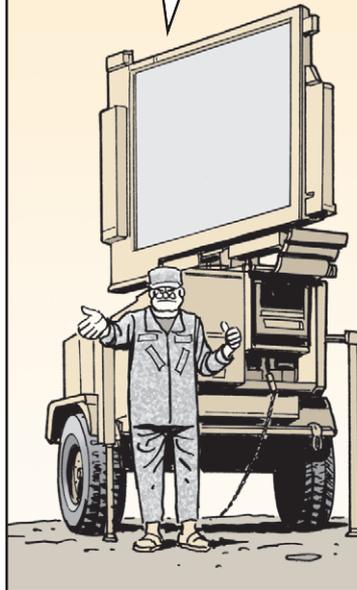
Check leveling leg handle for misalignment

Keep your feet off handle



POWERFUL SENTINEL SUGGESTION

HERE'S A TIP TO HELP YOUR SENTINEL DO ITS JOB OF ALERTING YOU TO TROUBLE.

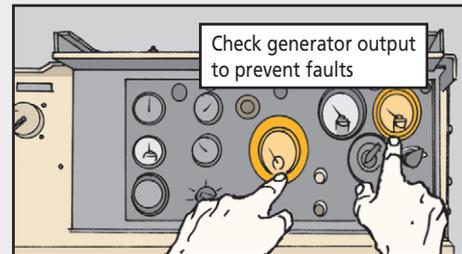


Dear Editor,

Here's a tip to help keep your Sentinel searching the skies for the enemy:

Keep an eye on the generator. If the generator is not putting out the right amount of power, your Sentinel will start displaying faults. You can waste troubleshooting time trying to figure out why. Before you power up the Sentinel, check the generator's hertz gauge for 400 Hz and the voltage gauge for 208VAC. Less than that causes faults. Adjust the generator's output if necessary.

Check generator output to prevent faults



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Editor's note:
Good tip, Specialist.
Thanks for the benefit of your experience.